

Attorney Docket No.: US 010324

IN THE CLAIMS:

1. (Currently Amended) A video display device comprising:

a display configured to display a primary image and a picture-in-picture image (PIP) overlaying the primary image; and

a processor operatively coupled to the display and configured to receive a first video data stream for the primary image, to receive a second video data stream for the PIP, and to change a PIP display characteristic in response to a received audio indication and a related gesture from a user, wherein the processor is configured to receive the related gesture from the user in response to the received audio command to recognize an audio command related to a PIP display characteristic, the processor, upon recognizing the audio command, activates an image acquisition component that is configured to recognize a user hand gesture related to manipulating the PIP display characteristic, the processor manipulates the PIP display characteristic according to the audio command and the hand gesture.

2. (Previously Presented) The video display device of Claim 1, wherein the PIP display characteristic is a display size of the PIP.

3. (Currently Amended) The video display device of Claim 1, comprising:

a microphone for receiving the audio indication command from the user; and
a camera for acquiring an image of the user containing the related gesture, wherein the processor is configured to activate the camera to acquire images in response to the received audio command, and to identify the related gesture from the acquired images.

4. (Currently Amended) The video display device of Claim 1, wherein the processor is configured to analyze audio information received from the user to identify when a PIP related audio indication command is intended by the user, and wherein the processor is configured to receive the related gesture from the user in response to the identified PIP related audio indication.

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5. (Currently Amended) The video display device of Claim 1, wherein the processor is configured to analyze image information received from the user via the image acquisition component upon recognition of in response to the audio indication command to identify the change in the PIP display characteristic that is expressed by the received gesture.
6. (Original) The video display device of Claim 5, wherein the image information is contained in a sequence of images and wherein the processor is configured to analyze the sequence of images to determine the received gesture.
7. (Original) The video display device of Claim 1, wherein the image information is contained in a sequence of images and wherein the processor is configured to determine the received gesture by analyzing the sequence of images and determining a trajectory of a hand of the user.
8. (Original) The video display device of Claim 1, wherein the processor is configured to determine the received gesture by analyzing an image of the user and determining a posture of a hand of the user.
9. (Original) The video display device of Claim 1, wherein the video display device is a television.
10. (Previously Presented) The video display device of Claim 1, wherein an image of the user contains the user gesture, the video display device comprising a camera for acquiring the image of the user.
11. (Currently Amended) A method of controlling manipulating a display characteristic of a picture-in-picture display (PIP) overlaying a primary display, the method comprising:
 - receiving an audio indication command from a user;
 - determining whether the received audio indication command is one of a plurality of expected-recognized audio indication commands;
 - activating an image acquisition component upon determining the received audio command as recognized;

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receiving a hand gesture from a user;

analyzing determining whether the hand [[a]]gesture of the user in response to the received audio indication being is one of [[the]] a plurality of expected audio indication recognized hand gestures; and

controlling manipulating the display characteristic in response to the upon determining the received hand gesture as recognized, being a gesture related to the received audio indication wherein the display characteristic is manipulated according to the audio command and the hand gesture.

12. (Currently Amended) The method of Claim 11, wherein analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

receiving a sequence of images; and

analyzing the sequence of images to determine the gesture.

13. (Currently Amended) The method of Claim 11, wherein analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

receiving a sequence of images;

analyzing the sequence of images to determine a trajectory of a hand of the user; and

determining the gesture by the determined trajectory.

14. (Currently Amended) The method of Claim 11, wherein analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

analyzing an image of the user to determine a posture of a hand of the user; and

determining the gesture by the determined posture.

15. (Currently Amended) A program segment stored on a processor readable medium for controlling manipulating a display characteristic of a picture-in-picture display (PIP) overlaying a primary display, the program segment comprising:

a program segment for controlling receipt of an audio indication;

a program segment for determining whether a received audio indication command is one of a plurality of stored-recognized audio indication commands;

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a program segment for activating an image acquisition component upon determining the received audio command as recognized;

a program segment for receiving a hand gesture from a user;

a program segment for analyzing determining whether the hand[[a]]gesture of the user in response to the received audio indication being is one of [[the]] a plurality of stored audio indication recognized hand gestures; and

a program segment for controlling manipulating the display characteristic in response to the upon determining the received hand gesture as recognized, being a gesture related to the received audio indication wherein the display characteristic is manipulated according to the audio command and the hand gesture.

16. (Currently Amended) The program segment of Claim 15, wherein the program segment for analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

 a program segment for controlling receipt of a sequence of images in response to the received audio command; and

 a program segment for analyzing the sequence of images to determine the gesture.

17. (Currently Amended) The program segment of Claim 15, wherein the program segment for analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

 a program segment for controlling receipt of a sequence of images;

 a program segment for analyzing the sequence of images to determine a trajectory of a hand of the user; and

 a program segment for determining the gesture by the determined trajectory.

18. (Currently Amended) The program segment of Claim 15, wherein the program segment for analyzing determining whether the gesture of the user is one of a plurality of recognized gestures comprises:

 a program segment for analyzing an image of the user to determine a posture of a hand of the user; and

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a program segment for determining the gesture by the determined posture.

19. (Canceled)

20. (Currently Amended) A video display device comprising:

a display configured to display a primary image and a picture-in-picture image (PIP); and
a processor operatively coupled to the display and configured to receive a first video data stream for the primary image, to receive a second video data stream for the PIP, ~~and to change a PIP display characteristic in response to a received audio indication and a related gesture from a user, wherein the processor is configured to receive image information from the user in response to the audio indication being wherein the processor is configured to recognize an audio commands is identified as an audio indication to change the PIP display characteristic, upon recognizing the audio command the processor activates an image acquisition component, wherein the image acquisition component is configured to recognize image information from the user related to manipulating the PIP display characteristic, the processor manipulates the PIP display characteristic according to the audio command and the image information~~

21. (Currently Amended) A program segment stored on a processor readable medium for ~~controlling manipulating~~ a display characteristic of a picture-in-picture display (PIP) overlaying a primary display, the program segment comprising:

a program segment for determining whether a received audio ~~indication command~~ is one of a plurality of stored ~~recognized~~ audio ~~indication commands~~;

~~a program segment for activating an image acquisition component upon determining the received audio command as recognized;~~

~~a program segment for receiving a hand gesture of the user in response to the received audio indication being one of the plurality of stored audio indications activation of the image acquisition component; and~~

~~a program segment for providing an indication to the user in response to the hand gesture not being identified as a hand gesture related to the received audio indication.~~

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22. (New) The video display device of Claim 1, wherein the image acquisition component is a camera.

23. (New) The method of Claim 11, wherein the image acquisition component is a camera.

24. (New) The program segment of Claim 15, wherein the image acquisition component is a camera.